

Name: \_\_\_\_\_

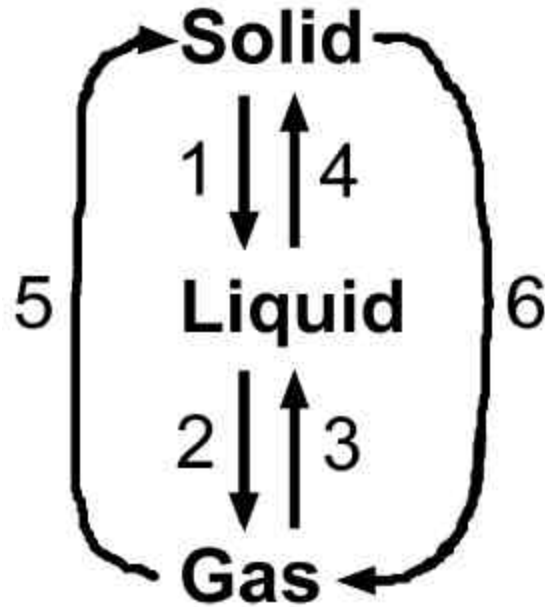
Period: \_\_\_\_ Subject: \_\_\_\_\_

Date: \_\_\_\_\_

## States of Matter

Fill in the names of the phase transitions shown in the diagram.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



7. \_\_\_\_\_ The temperature or *point* at which a substance *melts* is known as its \_\_\_\_\_.
8. \_\_\_\_\_ The temperature at which a substance freezes is also known as its \_\_\_\_\_.
9. \_\_\_\_\_ The temperature at which a substance boils or evaporates (and also condenses) is known as its \_\_\_\_\_.
10. \_\_\_\_\_ On a graph of pressure vs. temperature, the point (pressure and temperature) at which a substance can exist as a solid, a liquid, and a gas is known as its \_\_\_\_\_.

| State of matter | volume | shape |
|-----------------|--------|-------|
| 11. solid       |        |       |
| 12. liquid      |        |       |
| 13. gas         |        |       |